

READ FIRST!

Kensington®

Portable Power Inverter User Manual



Important: Safety Information



IMPORTANT:

BEFORE USING YOUR KENSINGTON PORTABLE POWER INVERTER READ AND UNDERSTAND THIS OWNER'S GUIDE. SAVE THESE INSTRUCTIONS—THIS OWNER'S GUIDE CONTAINS IMPORTANT SAFETY INFORMATION.



Warning! Electrical Hazard!

The Kensington Portable Power Inverter generates the same potential lethal AC power as a normal household wall outlet.

To Prevent Injury and Property Damage:

- Do not open (no user-serviceable parts inside)
- Keep away from children
- Do not insert foreign objects into the AC outlet or vents.
- Do not expose the inverter to water, rain, snow or spray.
- Do not replace fuse with anything other than a 8 amp. fuse.



Warning! The Inverter May Become Hot During Operation! To Prevent Injury and Property Damage:

- Provide adequate ventilation and refrain from placing items on or around the inverter during operation.
- Do not use the inverter inside a closed glove compartment or console.
- Keep the inverter away from materials that are flammable or may otherwise be adversely affected by high temperatures.
- Do not operate the inverter near flammable fumes or gases.
- Do not place the inverter near the vehicle's heat vent or in direct sunlight.
- Do not expose the inverter to temperatures over 104°F (40°C).
- If inverter is hot to the touch, allow the inverter to cool before removing from the lighter socket.



Warning! Some AC Products are Not Compatible With the Inverter! To Prevent Injury and Property Damage:

- **NEUTRAL FLOATING**—Do not connect any AC products whose neutral conductor is connected to ground to the Kensington Portable Power Inverter.
- Do not connect the Kensington Portable Power Inverter to power utility AC distribution wiring or extension cords.
- **THE OUTPUT OF THE INVERTER IS NON-SINUSOIDAL.** Do not use the inverter with the following equipment:
 - Small battery-operated products such as rechargeable flashlights, some rechargeable shavers, and night-lights that are plugged directly into an AC receptacle to recharge.
 - Certain battery chargers for battery packs used in powered-hand tools. These chargers will have warning labels stating that dangerous voltages are present at the charger's battery terminals.



Warning! Do Not Run Your Vehicle's Engine in a Garage or Other Enclosed Area!

- If you are running your vehicle's engine while stationary to power the product you have plugged into the inverter, do so only in a well ventilated area, and away from other enclosed areas. Automotive vehicles emit carbon monoxide which can cause death if the vehicle's engine is running in a garage or other enclosed area, or near other enclosed areas.



Certified to CSA Standard C22.2 No. 107
Conforms to UL Std. UL-458

Congratulations!

Your Kensington Portable Power Inverter converts DC battery power from your vehicle into standard 120V household power. The Kensington Portable Power Inverter is ideal for the user on the go, it powers or charges virtually any notebook, cell phone, digital cameras, camcorder, PDA and many other portable devices.

Please read this short manual to learn valuable information about the proper use of your new Kensington Portable Power Inverter. Take a minute to register your Kensington Portable Power Inverter, go to: www.kensington.com/register

Features

- Converts DC battery power into 120V AC power
- Three-prong AC outlet
- LED indicator
- Sleek design, with molded-in cigarette lighter plug
- Automatic overheating shutdown
- Automatic low battery voltage shutdown (11.0 VDC) and automatic reset
- Automatic overload shutdown
- Internal fuse 8 A (user changeable)

Using your Kensington Portable Power Inverter

To use your Kensington Portable Power Inverter:

1. Plug the Kensington Portable Power Inverter into your vehicle's lighter socket. If the socket is too large, adjust the negative connectors using the slide control to ensure a snug fit. The green LED display lights up.
2. Plug the AC product into the three-prong AC receptacle and turn it on. Ensure your product draws 60 watts or less of continuous AC power.
3. Do not allow an AC product to be plugged into the inverter when starting the vehicle.

**To avoid discharging the battery, always remove the Kensington Portable Power Inverter from the lighter socket when not in use.*

Automatic Overload Shutdown

In the event the product plugged into the inverter is drawing more than 60 watts of power, the green LED will not light, and the inverter will automatically shut itself off. To reset the inverter, remove the AC product from the inverter's AC receptacle and wait for five seconds. Do not connect the product drawing more than 60 watts back to the inverter. During the overload event, the protective fuse inside the inverter may have been blown. Replace the fuse, **using a 8 amp. slow blow fuse only**, by unscrewing the nut at the tip of the inverter, removing the old fuse, inserting the new fuse, and reinstalling the nut until it is snug.

Automatic Low Voltage Shutdown

In the event your vehicle's battery is drawn down to less than 10.7 Volts (DC), the green LED will not light, and the inverter will automatically shut itself off. To reset the inverter, remove it from the lighter's socket. Before plugging the inverter back into the socket, the vehicle's battery must be recharged to more than 10.7 volts, or the inverter will shut itself off again.

Automatic Overheating Shutdown

In the event the inverter reaches temperatures in excess of 150° F (65°C), the green LED will not light, and the inverter will automatically shut itself off. Wait for the inverter to cool, then remove it from the lighter socket and allow it to completely cool before plugging it back into the socket.

Technical Specifications and Certifications

AC output power (max. continuous)	60 watts
AC output power (5 mins.)	75 watts
AC output voltage	115+/- 10 volts AC RMS
AC output frequency	60+/- 4 Hz
AC output waveform	Modified sine wave
DC input voltage range	10.7–15.6 volts DC
Battery drain with no AC load	<0.15amps DC (at 12V input)

Technical Support Tips

- You may find the answer to your problem in the Frequently Asked Questions (FAQs) in the Support area of the Kensington Web site <http://www.kensington.com>.
- Call from a phone where you have access to your vehicle.
- Please be prepared to provide the following information:
 - Name, address and telephone number
 - The name of the Kensington product
 - Symptoms of the problem and what led to them

Registering Online

Take a minute to register your Kensington device. Registered customers are eligible to receive free technical support, notification of new products, and software updates. To register, start your Web browser and go to:
<http://www.kensington.com/register>

Technical Support

Technical support is available to all registered users of Kensington products. There is no charge for technical support except long distance charges where applicable. Technical Support Contact information can be found on the inside back cover of this manual.

Contacting Kensington

Troubleshooting information and answers to frequently asked questions are available 24 hours a day on the Kensington Web site at www.support.kensington.com.

Support by Telephone

Technical Support is available by telephone. Please visit www.kensington.com for hours.
US 800-235-6708 or 650-572-2700
Fax 650-572-9675
Canada 800-535-4242
Mexico 52(55)5384-0620

1-Year Limited Warranty

KENSINGTON TECHNOLOGY GROUP ("KENSINGTON") warrants this PRODUCT against defects in material and workmanship under normal use and service for one year from the original date of purchase. KENSINGTON, at its option, shall repair or replace the defective unit covered by this warranty. Please retain the dated sales receipt as evidence of the date of purchase. You will need it for any warranty service. In order to keep this warranty in effect, the product must have been handled and used as prescribed in the instructions accompanying this warranty. This warranty does not cover any damage due to accident, misuse, abuse, or negligence.

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